

PROCESS FOR THE PRODUCTION OF PHYSICALLY FOAMED
INJECTION MOLDED ARTICLES

ABSTRACT

A process for producing physically foamed injection molded articles is provided. The process involves feeding a propellant-free thermoplastic melt into a cavity followed by delivering a physical propellant directly into the cavity or directly into the melt flowing into the cavity. The pressure exerted on the propellant during the injection stage is greater than that exerted on the propellant during the holding phase.

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